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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 4250.2.6 Total Pages 55

First Named Inventor or Application Identifier

José A. Olivares

Express Mail Label No. EL777328397US

jcs960 U.S.  
PTO  
01/26/01P10  
01/26/01**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2.  Specification [Total Pages 39]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Application
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3.  Drawing(s) (35 USC 113) [Total Sheets 5]
4. Oath or Declaration [Total Pages 3]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation /divisional with Box 17 completed)  
[Note Box 5 below]
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
5.  Incorporation by Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which  
a copy of the oath or declaration is supplied under Box  
4b is considered as being part of the disclosure of the  
accompanying application and is hereby incorporated by  
reference therein.

Assistant Commissioner for Patents  
ADDRESS TO: Box Patent Application  
Washington, DC 20231

6.  Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a.  Computer Readable Copy
  - b.  Paper Copy (identical to computer copy)
  - c.  Statement verifying identify of above copies

**ACCOMPANYING APPLICATION PARTS**

8.  Assignment Papers (cover sheet & document(s))
9.  37 CFR 3.73(b) Statement  Power of Attorney  
(when there is an assignee)
10.  English Translation Document (if applicable)
11.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS  
Citations
12.  Preliminary Amendment
13.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14.  Small Entity  Statement filed in prior application,  
Statement(s) Status still proper and desired
15.  Certified Copy of Priority Document(s)  
if foreign priority is claimed
16.  Other: Express Mail Certificate and  
Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i)

## 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

 Continuation     Divisional     Continuation-in-part (CIP) of prior application No.:

## 18. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Label

21552

or  Correspondence address below

NAME	Craig Metcalf			
ADDRESS				
CITY	STATE		ZIP	
COUNTRY	TELEPHONE		FAX	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

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PTO/SB/05 (6/99)

Approved for use through 9/30/00, OMB 0651-0032  
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# FEE TRANSMITTAL

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See forms PTO/SB/09=12. See 37 C.F.R. §§ 1.27 and 1.28

**TOTAL AMOUNT OF PAYMENT**  \$1370

## Complete If Known

Application Number

Filing Date January 26, 2001

First Named Inventor José A. Olivares

Group Art Unit

Examiner Name

Attorney Docket Number LAD 1999-109 (4250.26)

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number  13-0763  
Deposit Account Name

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  Charge the Issue Fee In 37 CFR at the Mailing of the Notice of Allowance

2.  Payment Enclosed

Check  Money Order  Other Credit Card

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

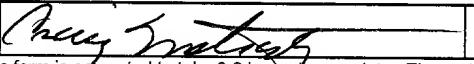
Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	<input type="text"/>
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	<input type="text"/>
139	130	138	130	Non-English specification	<input type="text"/>
147	2520	147	2520	For filing a request for reexamination	<input type="text"/>
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	<input type="text"/>
113	1840*	113	1840*	Requesting publication of SIR after Examiner action	<input type="text"/>
115	110	215	55	Extension for reply within first month	<input type="text"/>
116	390	216	195	Extension for reply within second month	<input type="text"/>
117	890	217	445	Extension for reply within third month	<input type="text"/>
118	1390	218	695	Extension for reply within fourth month	<input type="text"/>
128	1890	228	945	Extension for reply within fifth month	<input type="text"/>
119	310	219	155	Notice of Appeal	<input type="text"/>
120	310	220	155	Filing a brief in support of an appeal	<input type="text"/>
121	270	221	135	Request for oral hearing	<input type="text"/>
138	1510	138	1510	Petition to institute a public use proceeding	<input type="text"/>
140	110	240	55	Petition to revive - intentional	<input type="text"/>
141	1240	241	320	Petition to revive - unintentional	<input type="text"/>
142	1240	242	620	Utility issue fee	<input type="text"/>
143	440	243	220	Design issue fee	<input type="text"/>
144	600	244	300	Plant issue fee	<input type="text"/>
122	130	122	130	Petitions to the Commissioner	<input type="text"/>
123	50	123	50	Petitions related to provisional applications	<input type="text"/>
126	240	126	240	Submission of Information Disclosure Stmt	<input type="text"/>
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	<input type="text"/>
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))	<input type="text"/>
Other fee (specify) _____					
Other fee (specify) _____					

\*Reduced by Basic Filing Fee

**SUBTOTAL (3)**

40

## SUBMITTED BY

Typed or Printed Name	Craig Metcalf			Complete (if applicable)
Signature		Date	Jan 26, 2001	Reg Number 31,398

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**REQUEST AND CERTIFICATION  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	Jose A. Olivares
Title	PARTICLE SIZER AND DNA SEQUENCER
Atty Docket Number	4250.2.6



I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

1/26/01

Date

Signature

Craig Metcalf

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

PATENT APPLICATION  
Docket No.: 4250.2.6

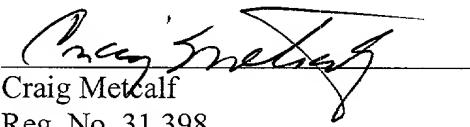
CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" Mailing Label No.: EL777328397US

Date of Deposit: January 26, 2001

I hereby certify that this patent application in the name of José A. Olivares and Peter C. Stark for PARTICLE SIZER AND DNA SEQUENCER, together with the drawings, Utility Patent Application Transmittal, Fee Transmittal, a joint signature Combined Declaration and Power of Attorney, an Assignment and Recordation Form Cover Sheet, Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i), and Credit Card Payment Form for \$1,370 are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above in an envelope addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Respectfully submitted,

  
\_\_\_\_\_  
Craig Metcalf  
Reg. No. 31,398  
Attorney for Applicant

Date: January 26, 2001

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